January 17, 1989

TO: File

FROM: Scott Johnson

RE: Field Inspection, Escalante Mine, Hecla Mining Company, M/021/004, Iron County, Utah

On January 6, 1989, I received a call from John Leding, Mine Superintendent. He requested a variance in the proposed bulkhead design for the decline. Rather than an I-beam and steel plate structure, John requested a variance allowing the use of a reinforced concrete wall. I told him we would allow the design change. (John has since been transferred to a Hecla operation in Washington).

On January 13, 1989, I was at the mine site and met with Scott Hartman, Mine Manager. Some of the mine closure activities have been completed. Below is a list of the completed projects:

1) The north vent raise was filled with waste rock, plugged with a reinforced four-foot concrete plug, and then filled with waste rock to the surface.

2) The old manway was plugged with a reinforced five-foot concrete plug and then filled with waste rock to the surface.

3) The south vent raise was filled with waste rock, plugged with a reinforced four-foot concrete plug and then filled with waste rock to the surface.

4) The old shaft was filled with waste rock and plugged with a reinforced two-foot concrete plug. The A-frame is still in place, and the hole still needs filled with waste above the plug.

5) Most of the drill holes on the property have been plugged.

Scott Hartman has been pursuing the Jones Dike variance with the Division of Water Rights and Iron County. If negotiations involving the landowner (Jones) do not improve, Hecla may decide to reclaim the dike.

jb
Attachments
cc: Minerals Team
MN17/31

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Robert L. Morgan
State Engineer

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF WATER RIGHTS

1636 West North Temple, Suite 220
Salt Lake City, Utah 84116-3156
801-538-7240

December 27, 1988

Nathaniel K. Adams, Attorney
Hecla Mining Company
6500 Mineral Drive
Box C-8000
Coeur D'Alene, ID 83814-1231

Re: Jones Dike

Dear Mr. Adams:

We have reviewed your letter to Mr. Gerald Stoker, dated December 15, 1988, regarding Iron County obtaining the Jones Dike for flood control purposes. We have no objection to the proposal, providing we receive documentation to insure Iron County will assume the following responsibilities:

1. The facility will be operated in such a manner that no vested water rights will be impaired.

2. The county agrees to maintain the dikes at a level satisfactory to this office.

3. In the event the county elects to abandon the dikes, in the future, the reclamation plan must be approved by this office.

We are requesting that written documentation addressing the preceding items, along with any agreements or deeds be submitted for our review. If you have any questions or comments, please feel free to contact Gerald Stoker of our Cedar City office or Richard Hall of our Dam Safety Section.

Sincerely,

Robert L. Morgan

Robert L. Morgan, P.E.
State Engineer

RLM:RBH:cp

cc: Gerald Stoker, Cedar Area Engineer
Dee G. Cowan, Chairman, Iron County Commission
Scott Hartman

January 9,1989

TO: Scott Hartman

From: John Leding

Subject: Reclamation Work

The purpose of this report is to define the reclamation work that has been done as of this report as of Jan. 9,1989.

There has been 281 6" VCR hole reclaimed to date. The first 5' of these hole were filled with concrete (5 1/2 bag mix with 1/2" aggregate.) 105 holes are located over the "E" Vein completing this area. The other 176 holes are located over the 2N, 3N and 4N stopes of the main vein.

All raises including manways and ventilation raises were reclaimed as follows:

The north vent. raise was about 11' X 12' X 146' which was filled with about 962 tons of bedded tuff waste rock filling to within 14' of surface. 7/8" Duidag rockbolts placed on 1' centers drilled at least 2' into each wall were placed at 12' from surface. A concrete plug 4' thick taking 20 yards of 5 1/2 bag mix was poured from 14' to 10' from surface. The remainder of the hole was filled with mine waste rock to surface.

The old manway was about 11' X 5' X 30' with the bottom being an open stope. 7/8" Duidag rockbolts on one foot centers were drilled at least 2' into each wall at 14' below the surface. From 16' to 11' a 5 1/2 bag mix of concrete was poured taking 10 yards. The remainder of the hole was filled with mine waste rock to surface.

The south vent. raise was 15' X 15' X 378' which was filled with about 5014 tons of mine waste rock filling to within 15.5' from surface. 7/8" Duidag rockbolts placed on 1' centers drilled at least 2' into each wall were placed at 13.5' from surface. A concrete plug 4.5' thick taking 36 yards of 5 1/2 bag mix was poured from 15.5' to 11' from surface.